

## Abstract

The present invention provides a polyacetal resin composition comprising (I) a polyacetal resin; and per  
5 100 parts by weight thereof, (II) more than 5 parts by weight but less than 100 parts by weight of calcium carbonate, wherein the calcium carbonate has an average particle diameter of 0.1 to less than 1.5  $\mu\text{m}$  and an average aspect ratio (L/D) which is a ratio of average  
10 major axis (L) of particles to average minor axis (D) of particles (D) of 3 or less; (III) 0.005 to 10 parts by weight of an organic acid; and (IV) 0 to less than 0.05 part by weight of a fatty acid ester, wherein the amount of Na relative to Ca is 250 ppm or less while the amount  
15 of Sr relative to Ca is 500 to 2500 ppm. The resin composition of the invention is excellent in a balance of thermal stability and mechanical properties, such as rigidity and toughness, also excellent in anti-creep life, fatigue resistance and acid resistance, so that it can be  
20 suitably used in various fields, such as automobile, electrical/electronic and other industries.